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## Modeling and Simulation of Welding Processes

Guest Editors:

**Dr. Chunming Lin**

Department of Mechanical Engineering, Minghsin University of Science and Technology, Hsinchu 30401, Taiwan

**Dr. Huei-Sen Wang**

Department of Materials Science and Engineering, I-Shou University, Kaohsiung City 84001, Taiwan

**Prof. Dr. Ching-Min Cheng**

Department of Mechatronic Engineering, National Taiwan Normal University, Taipei City 106, Taiwan

Deadline for manuscript submissions:

**closed (15 December 2022)**

### Message from the Guest Editors

For this Special Issue "Modeling and Simulation of Welding Processes", papers on advanced welding for laser welding, friction stir welding, electron beam welding, arc welding, and hybrid welding are welcome. Publishing research on the effects of advanced welding on the material for microstructure and performance; development of process parameters for new advanced materials (high entropy alloys, light metal alloys, and dissimilar metals); modeling and simulation of welds process/material interaction, thermal effects, stresses, and distortion; and destructive and non-destructive control. Papers that combine both experimental and theoretical approaches are especially welcomed.

Contributions from around the world will contribute to the success of this Special Issue, which aims at spreading the potential of advanced welding at joining well-established and innovative metallic parts.



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# Special Issue



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## Editor-in-Chief

### **Prof. Dr. Giancarlo Cravotto**

Department of Drug Science and  
Technology, University of Turin,  
Via P. Giuria 9, 10125 Turin, Italy

## Message from the Editor-in-Chief

*Processes* (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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Processes Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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